

Bb  
Sub  
C1

3. (Twice Amended) A delay time adjusting method of adjusting a delay time of an input first periodic signal so that a phase of said input first periodic signal and a phase of an output second periodic signal match each other based on a comparison between phases of said input first periodic signal and said input second periodic signal, the method comprising the step of:

adjusting said delay time so that, when a phase of a predetermined rising edge of said output second periodic signal is behind a phase of a predetermined rising edge of said input first periodic signal, said predetermined rising edge of said output second periodic signal matches a rising edge of said input first periodic signal, a phase of the rising edge being behind and nearest to said phase of said predetermined rising edge of said output second periodic signal, wherein the adjusting of said delay is irrespective of said comparison when starting the adjusting of said delay.

4. (Twice Amended) A delay time adjusting method of adjusting a delay time of an input first periodic signal so that a phase of said input first periodic signal and a phase of an output second periodic signal match each other based on a comparison between phases of said input first periodic signal and said input second periodic signal, the method comprising:

a first step of judging whether a phase of a predetermined rising edge of said output second periodic signal is behind a phase of a first rising edge of said input first periodic signal; and

a second step of increasing the delay time to adjust said phase of said output second periodic signal so that, when said phase of said predetermined rising edge is judged to be behind said phase of said first rising edge in said first step, said phase of

C1  
cont  
B2

said predetermined rising edge and a phase of a second rising edge of said input first periodic signal match each other, the second rising edge being one period behind said first rising edge, wherein the judging and delaying is irrespective of said comparison when starting the delay time adjustment

---

5. (Twice Amended) A delay time adjusting circuit for adjusting a delay time of an input signal so that a phase of said input signal and a phase of an output signal match each other between phases based on a comparison of said input signal and said output signal, the circuit comprising:

detecting means for detecting a phase difference between said phase of said input signal and said phase of said output signal; and

delaying means for increasing a delay time of said phase of said output signal irrespective of said detection of phase difference when starting the delay time adjustment until said phase difference becomes N periods, where N is an integer other than zero.

---

Sub  
C2

6. (Twice Amended) A delay time adjusting circuit for adjusting a delay time of an input first periodic signal so that a phase of said input first periodic signal and a phase of an output second periodic signal match each other based on a comparison between phases of said input first periodic signal and said input second periodic signal, the circuit comprising:

judging means for judging whether a phase of a predetermined rising edge of said output second periodic signal is behind a phase of a predetermined rising edge of said input first periodic signal; and

cont  
B2  
Sh  
02

delaying means for adjusting said delay time so that, when said phase of said predetermined rising edge of said output second periodic signal is judged to be behind said phase of said predetermined rising edge of said input first periodic signal by said judging means, said predetermined rising edge of said output second periodic signal matches a rising edge of said input first periodic signal, a phase of the rising edge being behind and nearest to said phase of said predetermined rising edge of said output second periodic signal, wherein the judging and delaying is irrespective of said comparison when starting the delay time adjustment.

7. (Twice Amended) A delay time adjusting circuit for adjusting a delay time of an input first periodic signal so that a phase of said input first periodic signal and a phase of an output second periodic signal match each other based on a comparison between phases of said input first periodic signal and said input second periodic signal, the circuit comprising:

delaying means for delaying said input first periodic signal so as to generate said output second periodic signal;

phase-detecting means for detecting whether a phase of a predetermined rising edge of said output second periodic signal is behind a phase of a first rising edge of said input first periodic signal; and

adjusting means for controlling said delaying means so that, when said phase of said predetermined rising edge is judged to be behind said phase of said first rising edge by said phase-detecting means, said delaying means delays said phase of said output second periodic signal until said phase of said predetermined rising edge and a phase of a second rising edge of said input first periodic signal match each other, the